

The following Listing of Claims will replace all prior versions, and listings, of claims in the application.

LISTING OF CLAIMS:

1. (Currently Amended) A scroll compressor comprising:
a compressor mechanism ~~(20)~~ including a first scroll ~~(21)~~ having an end plate ~~(23)~~ and a spiral wrap ~~(24)~~ formed thereon and a second scroll ~~(22)~~ having an end plate ~~(25)~~ and a spiral wrap ~~(26)~~ formed thereon and engaging with the first scroll ~~(21)~~;
a support ~~(16)~~ for supporting the second scroll ~~(22)~~;
a seal ~~(18)~~ arranged between the support ~~(16)~~ and the second scroll ~~(22)~~; and
a position adjustment ~~means (40)~~ device for changing ~~the~~ a position of the second scroll ~~(22)~~ along ~~the~~ an axial direction of the compressor mechanism ~~(20)~~, wherein
the seal ~~(18)~~ hermetically ~~contacts~~ contacting the end plate ~~(25)~~ of the second scroll ~~(22)~~ such that a back pressure space ~~(S3)~~ for bringing the first scroll ~~(21)~~ and the second scroll ~~(22)~~ into ~~press~~ contact with each other is defined inside the seal ~~(18)~~ with the first and second scrolls ~~(21, 22)~~ being engaged, and
the position adjustment ~~means (40)~~ is device being configured to change ~~the~~ a position of the seal ~~(18)~~ between a sealing position at which the seal ~~(18)~~ hermetically contacts the end plate ~~(25)~~ of the second scroll ~~(22)~~ and a leakage position at which the seal ~~(18)~~ is separated from the end plate ~~(25)~~ of the second scroll ~~(22)~~.
2. (Currently Amended) A scroll compressor comprising:

a compressor mechanism ~~(20)~~ including a first scroll ~~(21)~~ having an end plate ~~(23)~~ and a spiral wrap ~~(24)~~ formed thereon and a second scroll ~~(22)~~ having an end plate ~~(25)~~ and a spiral wrap ~~(26)~~ formed thereon for engaging with the first scroll ~~(21)~~;

a support ~~(17)~~ for supporting the first scroll ~~(21)~~;

a seal ~~(18)~~ arranged between the support ~~(17)~~ and the first scroll ~~(21)~~; and

a position adjustment ~~means (40)~~ device for changing ~~the~~ a position of the first scroll ~~(21)~~ along ~~the~~ an axial direction of the compressor mechanism ~~(20)~~, wherein

the seal ~~(18)~~ hermetically ~~contacts~~ contacting the end plate ~~(23)~~ of the first scroll ~~(21)~~ such that a back pressure space ~~(S3)~~ for bringing the first scroll ~~(21)~~ and the second scroll ~~(22)~~ into ~~press~~ contact with each other is defined inside the seal ~~(18)~~ with the first and second scrolls ~~(21, 22)~~ being engaged, and

the position adjustment ~~means (40)~~ device being is configured to change ~~the~~ a position of the seal ~~(18)~~ between a sealing position at which the seal ~~(18)~~ hermetically contacts the end plate ~~(23)~~ of the first scroll ~~(21)~~ and a leakage position at which the seal ~~(18)~~ is separated from the end plate ~~(23)~~ of the first scroll ~~(21)~~.

3. (Currently Amended) The scroll compressor of claim 1 ~~or~~ 2, wherein the first scroll ~~(21)~~ is a stationary scroll prohibited from revolving, and the second scroll ~~(22)~~ is a moving scroll capable of moving with respect to the first scroll ~~(21)~~.

4. (Currently Amended) The scroll compressor of claim 1 ~~or~~ 2, wherein

the end plate (~~23 or 25~~) of the first scroll (~~21~~) or the second scroll (~~22~~) is provided with a back pressure introduction path (~~23a or 25a~~) for making the back pressure space (~~S3~~) communicate with ~~part~~ a portion of a compressor chamber (~~27~~) defined between the first scroll (~~21~~) and the second scroll (~~22~~), the ~~part~~ portion being more inside than ~~the~~ a periphery of the compressor chamber (~~27~~).

5. (Currently Amended) The scroll compressor of claim 1 ~~or 2~~, wherein the support (~~16 or 17~~) includes a support recess (~~16a or 17a~~) for supporting the seal (~~18~~) such that the seal (~~18~~) moves toward or away from the support (~~16 or 17~~), and the position adjustment ~~means~~ (~~40~~) device includes a high pressure communication path (~~41~~) for making a rear end part of the support recess (~~16a or 17a~~) communicate with a high pressure region (~~S2~~), a low pressure communication path (~~42~~) for making a ~~the~~ rear end part of the support recess (~~16a or 17a~~) communicate with a low pressure region (~~14~~) and a switching mechanism (~~43~~) for switching the communication between the support recess (~~16a or 17a~~) and the low pressure communication path (~~42~~).

6. (Currently Amended) The scroll compressor of claim 5, wherein the high pressure communication path (~~41~~) ~~is provided with~~ has a restrictor (~~44~~), and the low pressure communication path (~~42~~) ~~is provided with~~ has an on-off valve (~~43~~) as the switching mechanism.

7. (New) The scroll compressor of claim 2, wherein the first scroll is a stationary scroll prohibited from revolving, and

the second scroll is a moving scroll capable of moving with respect to the first scroll.

8. (New) The scroll compressor of claim 2, wherein

the end plate of the first scroll or the second scroll is provided with a back pressure introduction path for making the back pressure space communicate with a portion of a compressor chamber defined between the first scroll and the second scroll, the portion being more inside than a periphery of the compressor chamber.

9. (New) The scroll compressor of claim 2, wherein

the support includes a support recess for supporting the seal such that the seal moves toward or away from the support, and

the position adjustment device includes a high pressure communication path for making a rear end part of the support recess communicate with a high pressure region, a low pressure communication path for making the rear end part of the support recess communicate with a low pressure region and a switching mechanism for switching the communication between the support recess and the low pressure communication path.

10. (New) The scroll compressor of claim 9, wherein

the high pressure communication path has a restrictor, and

the low pressure communication path has an on-off valve as the switching mechanism.